Customer No.:



Docket No.: 3298/1H309-US1

DECLARATION AND POWER OF ATTORNEY Original Application

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below, of the invention entitled:

PURIFICATION OF HUMAN TROPONIN 1

which is described and claimed in:

[] the attached specification or

[X] the specification in application Serial No. 09/903.398, filed July 10, 2001 (for declaration not accompanying appl.)

that I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware which is material to patentability in accordance with 37 CFR §1.56. Thereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I hereby claim the priority benefits under 35 U.S.C. §119 of any application(s) for patent or inventor's certificate listed below. All foreign applications for patent or inventor's certificate on this invention filed by me or my legal representatives or assigns prior to the application(s) of which priority is claimed are also identified below.

PRIOR APPLICATION(S), IF ANY, OF WHICH PRIORITY IS CLAIMED

<u>COUNTRY</u> <u>APPLICATION NO.</u> <u>DATE OF FILING</u>

USA 60/217,069 July 10, 2000

ALL FOREIGN APPLICATIONS, IF ANY, FILED PRIOR TO THE APPLICATION(S) OF WHICH PRIORITY IS CLAIMED

COUNTRY

APPLICATION NO.

DATE OF FILING

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and or agents(s) to prosecute this application and transact all business in the Patent and Trademark office connected therewith. Gordon D. Coplem #19,165. Michael J. Sweedler #19,937, S. Peter Ludwig #25,351, Paul Fields #20,298, Marc S. Gross #19,614, Joseph B. Lerch #26,936, Melvin C. Garner #26,272, Ethan Horwitz #27,646, Adda C. Gogoris #29,714, Bert J. Lewen #19,407, Henry Sternberg #22,408, Peter C. Schechter #31,662, Robert Schaffer #31,194, Robert C. Sullivan, Jr. #30,499, Ira J. Levy #35,587, Joseph R. Robinson #33,448. Scott G. Lindvall #40,325, Paul F. Fehlner, Ph.D. #35,135, David Leason #36,195

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SEND CORRESPONDENCE TO:

DIRECT TELEPHONE CALLS TO:

Paul F. Fehlner, Ph.D.

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212-527-7700

FULL NAME AND ADDRESS OF INVENTOR 1

FIRST NAME: Gregory MIDDLE NAME: LAST NAME: CONN

STATEOR FOREIGN COUNTRY: North Carolina CITY: Cary

COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: Diosynth RTP - 3000 Weston Parkway CITY: Cary

STATE OR COUNTRY: North Carolina ZIP CODE: 27513

FULL NAME AND ADDRESS OF INVENTOR 2

LAST NAME: REARDON

FIRST NAME: Brian

MIDDLE NAME:

CITY: Seattle STATE OR FOREIGN COUNTRY: Washington

COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: ZymoGenetics - 1201 Eastlake Avenue East CITY: Seattle

STATE OR COUNTRY: Washington ZIP CODE: 98102

FULL NAME AND ADDRESS OF INVENTOR 3

FIRST NAME: Xianfang MIDDLE NAME: LAST NAME: ZENG STATE OR FOREIGN COUNTRY: Massachusetts CITY: Northborough COUNTRY OF CITIZENSHIP: People's Republic of China POST OFFICE ADDRESS: Shire Biologics, Inc. - 30 Bearfoot Road CITY: Northborough STATE OR COUNTRY: Massachusetts - ZIP CODE: 01532 FULL NAME AND ADDRESS OF INVENTOR 4 LAST NAME: ZHANG FIRST NAME: Chenming MIDDLE NAME: STATE OR FOREIGN COUNTRY: Virginia CITY: Blacksburg COUNTRY OF CITIZENSHIP: People's Republic of China POST OFFICE ADDRESS: Dept. of Biological Systems Engineering - 210 Seitz Hall - Virginia Polytechnic University STATE OR COUNTRY: Virginia ZIP CODE: 24061 CITY: Blacksburg I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. SIGNATURE OF INVENTOR 1: Gregory CONN DATED: SIGNATURE OF INVENTOR 2: _____ Brian REARDON

SIGNATURE OF INVENTOR 4: DATED: 10/11/2001

Chemping ZHANG

Xianfang ZENG

__ DATED: ____

SIGNATURE OF INVENTOR 3: _____

Customer No.:



Docket No.: 3298/1H309-US1

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PRIOR APPLICATION(S), IF ANY, OF WHICH PRIORITY IS CLAIMED

COUNTRY APPLICATION NO. DATE OF FILING

USA 60/217,069 July 10, 2000

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COUNTRY

APPLICATION NO.

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SEND CORRESPONDENCE TO:

DIRECT TELEPHONE CALLS TO:

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805 Third Avenue

New York, NY 10022

212-527-7700

FULL NAME AND ADDRESS OF INVENTOR 1

FIRST NAME: Gregory MIDDLE NAME: LAST NAME: CONN

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COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: Diosynth RTP - 3000 Weston Parkway CITY: Cary

STATE OR COUNTRY: North Carolina ZIP CODE: 27513

FULL NAME AND ADDRESS OF INVENTOR 2

LAST NAME: REARDON

FIRST NAME: Brian

MIDDLE NAME:

CITY: Seattle STATE OR FOREIGN COUNTRY: Washington

COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: ZymoGenetics - 1201 Eastlake Avenue East CITY: Seattle

STATE OR COUNTRY: Washington ZIP CODE: 98102

FULL NAME AND ADDRESS OF INVENTOR 3
LAST NAME: ZENG FIRST NAME: Xianfang MIDDLE NAME:
CITY: Northborough STATE OR FOREIGN COUNTRY: Massachusetts
COUNTRY OF CITIZENSHIP: People's Republic of China
POST OFFICE ADDRESS: Shire Biologics, Inc 30 Bearfoot Road CTTY: Northborough
STATE OR COUNTRY: Massachusetts ZIP CODE: 01532
FULL NAME AND ADDRESS OF INVENTOR 4
LAST NAME: ZHANG FIRST NAME: Chenming MIDDLE NAME:
CITY: Blacksburg STATE OR FOREIGN COUNTRY: Virginia
COUNTRY OF CITIZENSHIP: People's Republic of China
POST OFFICE ADDRESS: Dept. of Biological Systems Engineering - 210 Seitz Hall - Virginia Polytechnic University
CITY: Blacksburg STATE OR COUNTRY: Virginia ZIP CODE: 24061
I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.
SIGNATURE OF INVENTOR 1: DATED:
SIGNATURE OF INVENTOR 2: Brian REARDON Brian REARDON
SIGNATURE OF INVENTOR 3: DATED: Xianfang ZENG

SIGNATURE OF INVENTOR 4: _____ DATED: _____
Chenming ZHANG

Customer No.:



Docket No.: 3298/1H309-US1

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<u>COUNTRY</u> <u>APPLICATION NO.</u> <u>DATE OF FILING</u>

USA 60/217,069 July 10, 2000

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New York, NY 10022

212-527-7700

FULL NAME AND ADDRESS OF INVENTOR 1

LAST NAME: CONN FIRST NAME: Gregory MIDDLE NAME:

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POST OFFICE ADDRESS: Diosynth RTP - 3000 Weston Parkway CITY: Cary

STATE OR COUNTRY: North Carolina ZIP CODE: 27513

FULL NAME AND ADDRESS OF INVENTOR 2

LAST NAME: REARDON FIRST NAME: Brian MIDDLE NAME:

CITY: Seattle STATE OR FOREIGN COUNTRY: Washington COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: ZymoGenetics - 1201 Eastlake Avenue East CITY: Seattle

STATE OR COUNTRY: Washington ZIP CODE: 98102

FULL NAME AND ADDRESS OF INVENTOR 3
LAST NAME: ZENG FIRST NAME: Xianfang MIDDLE NAME:
CITY: Northborough STATE OR FOREIGN COUNTRY: Massachusetts
COUNTRY OF CITIZENSHIP: People's Republic of China
POST OFFICE ADDRESS: Shire Biologics, Inc 30 Bearfoot Road CITY: Northborough
STATE OR COUNTRY: Massachusetts ZIP CODE: 01532
FULL NAME AND ADDRESS OF INVENTOR 4
LAST NAME: ZHANG FIRST NAME: Chenming MIDDLE NAME:
CITY: Blacksburg STATE OR FOREIGN COUNTRY: Virginia
COUNTRY OF CITIZENSHIP: People's Republic of China
POST OFFICE ADDRESS: Dept. of Biological Systems Engineering - 210 Seitz Hall - Virginia Polytechnic University
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SIGNATURE OF INVENTOR 1: DATED:
SIGNATURE OF INVENTOR 2: DATED:

SIGNATURE OF INVENTOR 3: Vianfang ZENG DATED: 10/.0/0/

SIGNATURE OF INVENTOR 4: _____ DATED: _____
Chenming ZHANG





Docket No.: 3298/1H309-US1

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60/217,069

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FULL NAME AND ADDRESS OF INVENTOR 1

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STATE OR COUNTRY: North Carolina ZIP CODE: 27513

FULL NAME AND ADDRESS OF INVENTOR 2

LAST NAME: REARDON

FIRST NAME: Brian

MIDDLE NAME:

CITY: Cary STATE OR FOREIGN COUNTRY: North Carolina COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: Diosynth RTP - 3000 Weston Parkway CTTY: Cary

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FUIL NAME AND ADDRESS OF INVENTOR 3

FIRST NAME: Xianfang MIDDLE NAME: LAST NAME: ZENG

CITY: Northborough STATE OR FOREIGN COUNTRY: Massachusetts COUNTRY OF CITIZENSHIP: People's Republic of China

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STATE OR COUNTRY: Massachusetts ZIP CODE: 01532

FULL NAME AND ADDRESS OF INVENTOR 4

LAST NAME: ZHANG FIRST NAME: Chenming MIDDLE NAME:

CITY: Blacksburg STATE OR FOREIGN COUNTRY: Virginia

COUNTRY OF CITIZENSHIP: People's Republic of China

POST OFFICE ADDRESS: Dept. of Biological Systems Engineering - 210 Seitz Hall - Virginia Polytechnic

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SIGNATURE OF INVENTOR 1:

SIGNATURE OF INVENTOR 2: DATED:

Brian REARDON

SIGNATURE OF INVENTOR 3: Xianfang ZENG

SIGNATURE OF INVENTOR 4: DATED: Chenming ZHANG

M.\\$298\1H30FUS1\5G0294,FR\x